

DISCRETIONARY DOTTING FOR ARTIFACT CONTROL  
IN INCREMENTAL PRINTING

ABSTRACT OF THE DISCLOSURE

1           Apparatus and method reduce banding by addressing an  
2   image region at under 100% coverage, and adding colorant  
3   quanta to selected pixels already receiving that colorant.  
4   The amount of that colorant in some pixels is zero, in  
5   others a first nonzero number of quanta, in still others a  
6   second nonzero number — different from the first. In  
7   another aspect, the invention is a method of adding col-  
8   orant in a region to which colorant is already addressed;  
9   it eliminates or reduces white- or light-line banding by  
10   automatically establishing a ratio, below half, of number  
11   of added-colorant pixels to total number of addressed  
12   pixels.

[NEW ADDITIONAL PAGE]